Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (29.3 dBm EIRP) in Spectrum Reponse] on channel center frequency index 151 bandwidth 80.	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (28.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 167 bandwidth 80.	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (26.5 dBm EIRP) in Spectrum Reponse] on channel center frequency index 171 bandwidth 40.	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than	true	PASS

CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (27.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 155 bandwidth 40.

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (25.3 dBm EIRP) in Spectrum Reponse] on channel 141 bandwidth 20.	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (28.0 dBm EIRP) in Spectrum Reponse] on channel 173 bandwidth 20.	true	PASS

AFC DUT Compliance Test Report

DUT Information

AFC DUT System	Standard Power AP
DUT Vendor Name	Gemtek
DUT Product Model	W1700K

Test Result

FCC Requirements	TestCaseName	Test Result
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)	PASS
15.407(k)(1), 15.407(k)(8)(i), 15.407(k)(8)(ii), 15.407(k)(8)(iii), 15.407(l)(ii), 15.407(k)(8)(iv)	CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)	PASS

Test Measurements

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_320MHz_10715_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS

AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.1 dBm/MHz PSD, 33.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 31 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (-3.4 dBm/MHz PSD, 21.7 dBm EIRP) in Spectrum Reponse] on channel center frequency index 63 bandwidth 320.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_160MHz_10628_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available	true	PASS

	Spectrum Inquiry Request		
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.9 dBm/MHz PSD, 30.9 dBm EIRP) in Spectrum Reponse] on channel center frequency index 143 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (11.0 dBm/MHz PSD, 33.0 dBm EIRP) in Spectrum Reponse] on channel center frequency index 47 bandwidth 160.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_80MHz_10627_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the	false	PASS

Measurements Name	Description	Value	Validation Result
	Spectrum Inquiry Response		
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (8.5 dBm/MHz PSD, 27.5 dBm EIRP) in Spectrum Reponse] on channel center frequency index 167 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (11.4 dBm/MHz PSD, 30.4 dBm EIRP) in Spectrum Reponse] on channel center frequency index 151 bandwidth 80.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_40MHz_10626_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result

AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (10.2 dBm/MHz PSD, 26.2 dBm EIRP) in Spectrum Reponse] on channel center frequency index 171 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD) , SP limits (11.3 dBm/MHz PSD, 27.3 dBm EIRP) in Spectrum Reponse] on channel center frequency index 155 bandwidth 40.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

TestCaseName: CT_AFC_SP_AP_AFCDRSA31_FrequencyChannel_20MHz_10625_1 (Successful registration and spectrum access request)
TestResult:PASS
Band:6GHz

Measurements Name	Description	Value	Validation Result
AFC_DUT_SP_OPERATION	AFC DUT transmit with standard power in the band before the Spectrum Inquiry Response	false	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_1	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_1	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_1	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (8.9 dBm/MHz PSD, 21.9 dBm EIRP) in Spectrum Reponse] on channel 37 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_1	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS
AFC_DUT_SEND_SPECTRUM_INQUIRYREQUEST_2	AFC DUT sends an Available Spectrum Inquiry Request	true	PASS
AFC_DUT_SPECTRUM_INQUIRYREQUEST_VALID_2	Valid mandatory registration information	true	PASS
AFC_DUT_CONFORM_SPECTRUM_INQUIRYRESPONSE_2	AFC DUT transmit power in the band is less than CEILING[LPI limits (5 dBm/MHz PSD), SP limits (17.7 dBm/MHz PSD, 30.7 dBm EIRP) in Spectrum Reponse] on channel 173 bandwidth 20.	true	PASS
AFC_DUT_CONFORM_ADJACENT_FREQUENCIES_EMISSIONS_LIMITS_2	AFC DUT conforms to not exceed emissions limits in adjacent frequencies	true	PASS

AFC Capability – Inquired Frequency

CT_AFC_SP_AP_AFCDRSA31_Frequency_20MHz_10611_1

########################   2025-02-14T06:39:02Z   ########################

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{
    "headers": {
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        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "23310281",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.985869,
                            "latitude": 37.381933
                        },
```

```
                "majorAxis": 150,
                "minorAxis": 150,
                "orientation": 0
            },
            "elevation": {
                "height": 15,
                "heightType": "AGL",
                "verticalUncertainty": 2
            },
            "indoorDeployment": 0
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
                "highFrequency": 6875
            }
        ],
        "minDesiredPower": -1
        }
    ]
    }
}


########################### 2025-02-14T06:39:02Z ###########################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
```

```
        "frequencyRange": {
             "highFrequency": 6125,
             "lowFrequency": 6105
        },
        "maxPsd": 13.9
   },
   {
        "frequencyRange": {
             "highFrequency": 6145,
             "lowFrequency": 6125
        },
        "maxPsd": 11.8
   },
   {
        "frequencyRange": {
             "highFrequency": 6165,
             "lowFrequency": 6145
        },
        "maxPsd": 13.5
   },
   {
        "frequencyRange": {
             "highFrequency": 6185,
             "lowFrequency": 6165
        },
        "maxPsd": 16.3
   },
   {
        "frequencyRange": {
             "highFrequency": 6205,
             "lowFrequency": 6185
        },
        "maxPsd": 10.7
   },
   {
        "frequencyRange": {
             "highFrequency": 6225,
```

```
                "lowFrequency": 6205
            },
            "maxPsd": 18.6
        },
        {
            "frequencyRange": {
                "highFrequency": 6245,
                "lowFrequency": 6225
            },
            "maxPsd": 8.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6265,
                "lowFrequency": 6245
            },
            "maxPsd": 10.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6605,
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            },
            "maxPsd": 15.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6645,
                "lowFrequency": 6625
            },
```

```
        "maxPsd": 9.1
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    {
        "frequencyRange": {
            "highFrequency": 6665,
            "lowFrequency": 6645
        },
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    {
        "frequencyRange": {
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            "lowFrequency": 6665
        },
        "maxPsd": 11.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6705,
            "lowFrequency": 6685
        },
        "maxPsd": 18.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
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    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 20.5
    }
```

```
        ],
        "requestId": "23310281",
        "availabilityExpireTime": "2025-02-15T06:39:02Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
      }
    ],
    "version": "1.4"
}


########################    2025-02-14T06:41:36Z    ########################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "23310282",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
                "location": {
```

```
            "ellipse": {
                "center": {
                    "longitude": -121.985869,
                    "latitude": 37.381933
                },
                "majorAxis": 150,
                "minorAxis": 150,
                "orientation": 0
            },
            "elevation": {
                "height": 15,
                "heightType": "AGL",
                "verticalUncertainty": 2
            },
            "indoorDeployment": 0
        },
        "inquiredFrequencyRange": [
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                "lowFrequency": 5925,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
                "highFrequency": 6875
            }
        ],
        "minDesiredPower": -1
    }
  ]
 }
}


########################  2025-02-14T06:41:36Z  ########################
{
    "availableSpectrumInquiryResponses": [
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            "response": {
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```
    "responseCode": 0,
    "shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
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        "frequencyRange": {
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            "lowFrequency": 5945
        },
        "maxPsd": 10.9
    },
    {
        "frequencyRange": {
            "highFrequency": 5985,
            "lowFrequency": 5965
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
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        "maxPsd": 11.2
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        },
        "maxPsd": 14.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
```

```
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 18.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 12.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 13.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
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    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 21.3
    },
```

```
{
    "frequencyRange": {
        "highFrequency": 6325,
        "lowFrequency": 6305
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6345,
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    "maxPsd": 9.3
},
{
    "frequencyRange": {
        "highFrequency": 6365,
        "lowFrequency": 6345
    },
    "maxPsd": 16.0
},
{
    "frequencyRange": {
        "highFrequency": 6385,
        "lowFrequency": 6365
    },
    "maxPsd": 20.1
},
{
    "frequencyRange": {
        "highFrequency": 6405,
        "lowFrequency": 6385
    },
    "maxPsd": 15.9
},
{
    "frequencyRange": {
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```
                    "highFrequency": 6425,

                    "lowFrequency": 6405

                },

                "maxPsd": 13.7

            },

            {

                "frequencyRange": {

                    "highFrequency": 6765,

                    "lowFrequency": 6745

                },

                "maxPsd": 8.1

            },

            {

                "frequencyRange": {

                    "highFrequency": 6785,

                    "lowFrequency": 6765

                },

                "maxPsd": 14.2

            },

            {

                "frequencyRange": {

                    "highFrequency": 6805,

                    "lowFrequency": 6785

                },

                "maxPsd": 9.1

            },

            {

                "frequencyRange": {

                    "highFrequency": 6825,

                    "lowFrequency": 6805

                },

                "maxPsd": 16.4

            }

        ],

        "requestId": "23310282",

        "availabilityExpireTime": "2025-02-15T06:41:36Z",

        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
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```
            }
        ],
        "version": "1.4"
}


CT_AFC_SP_AP_AFCDRSA31_Frequency_40MHz_10612_1
############################    2025-02-14T06:49:19Z    ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "15663370",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
```

```
                    "longitude": -121.985869,

                    "latitude": 37.381933

                },

                "majorAxis": 150,

                "minorAxis": 150,

                "orientation": 0

            },

            "elevation": {

                "height": 15,

                "heightType": "AGL",

                "verticalUncertainty": 2

            },

            "indoorDeployment": 0

        },

        "inquiredFrequencyRange": [

            {

                "lowFrequency": 5925,

                "highFrequency": 6425

            },

            {

                "lowFrequency": 6525,

                "highFrequency": 6875

            }

        ],

        "minDesiredPower": -1

    }

  ]

 }

}


########################   2025-02-14T06:49:19Z   ########################

{

    "availableSpectrumInquiryResponses": [

        {

            "response": {

                "responseCode": 0,

                "shortDescription": "SUCCESS"
```

```
        },
    "availableFrequencyInfo": [
        {
            "frequencyRange": {
                "highFrequency": 5965,
                "lowFrequency": 5945
            },
            "maxPsd": 10.5
        },
        {
            "frequencyRange": {
                "highFrequency": 5985,
                "lowFrequency": 5965
            },
            "maxPsd": 20.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6005,
                "lowFrequency": 5985
            },
            "maxPsd": 8.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6025,
                "lowFrequency": 6005
            },
            "maxPsd": 15.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6205,
                "lowFrequency": 6185
            },
            "maxPsd": 17.4
        },
```

```
{
    "frequencyRange": {
        "highFrequency": 6225,
        "lowFrequency": 6205
    },
    "maxPsd": 19.6
},
{
    "frequencyRange": {
        "highFrequency": 6245,
        "lowFrequency": 6225
    },
    "maxPsd": 8.4
},
{
    "frequencyRange": {
        "highFrequency": 6265,
        "lowFrequency": 6245
    },
    "maxPsd": 8.7
},
{
    "frequencyRange": {
        "highFrequency": 6285,
        "lowFrequency": 6265
    },
    "maxPsd": 11.4
},
{
    "frequencyRange": {
        "highFrequency": 6305,
        "lowFrequency": 6285
    },
    "maxPsd": 10.1
},
{
    "frequencyRange": {
```

```
                "highFrequency": 6325,

                "lowFrequency": 6305

            },

            "maxPsd": 12.0

        },

        {

            "frequencyRange": {

                "highFrequency": 6345,

                "lowFrequency": 6325

            },

            "maxPsd": 18.6

        },

        {

            "frequencyRange": {

                "highFrequency": 6765,

                "lowFrequency": 6745

            },

            "maxPsd": 16.4

        },

        {

            "frequencyRange": {

                "highFrequency": 6785,

                "lowFrequency": 6765

            },

            "maxPsd": 20.5

        },

        {

            "frequencyRange": {

                "highFrequency": 6805,

                "lowFrequency": 6785

            },

            "maxPsd": 12.1

        },

        {

            "frequencyRange": {

                "highFrequency": 6825,

                "lowFrequency": 6805
```

```
            },
                "maxPsd": 10.6
            }
        ],
        "requestId": "15663370",
        "availabilityExpireTime": "2025-02-15T06:49:19Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
    ],
    "version": "1.4"
}


############################  2025-02-14T06:51:51Z  ############################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "15663371",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
```

```
            ]
        },
        "location": {
            "ellipse": {
                "center": {
                    "longitude": -121.985869,
                    "latitude": 37.381933
                },
                "majorAxis": 150,
                "minorAxis": 150,
                "orientation": 0
            },
            "elevation": {
                "height": 15,
                "heightType": "AGL",
                "verticalUncertainty": 2
            },
            "indoorDeployment": 0
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
                "highFrequency": 6875
            }
        ],
        "minDesiredPower": -1
    }
  ]
 }
}
```

############################ 2025-02-14T06:51:51Z ############################

{

```json
"availableSpectrumInquiryResponses": [
    {
        "response": {
            "responseCode": 0,
            "shortDescription": "SUCCESS"
        },
        "availableFrequencyInfo": [
            {
                "frequencyRange": {
                    "highFrequency": 6045,
                    "lowFrequency": 6025
                },
                "maxPsd": 12.7
            },
            {
                "frequencyRange": {
                    "highFrequency": 6065,
                    "lowFrequency": 6045
                },
                "maxPsd": 17.1
            },
            {
                "frequencyRange": {
                    "highFrequency": 6085,
                    "lowFrequency": 6065
                },
                "maxPsd": 13.2
            },
            {
                "frequencyRange": {
                    "highFrequency": 6105,
                    "lowFrequency": 6085
                },
                "maxPsd": 9.6
            },
            {
                "frequencyRange": {
```

```
            "highFrequency": 6125,

            "lowFrequency": 6105

        },

        "maxPsd": 8.8

    },

    {

        "frequencyRange": {

            "highFrequency": 6145,

            "lowFrequency": 6125

        },

        "maxPsd": 14.5

    },

    {

        "frequencyRange": {

            "highFrequency": 6165,

            "lowFrequency": 6145

        },

        "maxPsd": 18.5

    },

    {

        "frequencyRange": {

            "highFrequency": 6185,

            "lowFrequency": 6165

        },

        "maxPsd": 12.6

    },

    {

        "frequencyRange": {

            "highFrequency": 6365,

            "lowFrequency": 6345

        },

        "maxPsd": 13.1

    },

    {

        "frequencyRange": {

            "highFrequency": 6385,

            "lowFrequency": 6365
```

```
        },
        "maxPsd": 9.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 21.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6625,
            "lowFrequency": 6605
        },
        "maxPsd": 9.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6645,
            "lowFrequency": 6625
        },
        "maxPsd": 11.6
```

```
        },
        {
            "frequencyRange": {
                "highFrequency": 6665,
                "lowFrequency": 6645
            },
            "maxPsd": 20.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6685,
                "lowFrequency": 6665
            },
            "maxPsd": 16.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6705,
                "lowFrequency": 6685
            },
            "maxPsd": 21.7
        },
        {
            "frequencyRange": {
                "highFrequency": 6725,
                "lowFrequency": 6705
            },
            "maxPsd": 8.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6745,
                "lowFrequency": 6725
            },
            "maxPsd": 8.5
        }
    ],
```

```
            "requestId": "15663371",
            "availabilityExpireTime": "2025-02-15T06:51:51Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_80MHz_10613_1

########################## 2025-02-14T06:58:52Z ##########################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "48490179",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
```

```
            "location": {
                "ellipse": {
                    "center": {
                        "longitude": -121.985869,
                        "latitude": 37.381933
                    },
                    "majorAxis": 150,
                    "minorAxis": 150,
                    "orientation": 0
                },
                "elevation": {
                    "height": 15,
                    "heightType": "AGL",
                    "verticalUncertainty": 2
                },
                "indoorDeployment": 0
            },
            "inquiredFrequencyRange": [
                {
                    "lowFrequency": 5925,
                    "highFrequency": 6425
                },
                {
                    "lowFrequency": 6525,
                    "highFrequency": 6875
                }
            ],
            "minDesiredPower": -1
        }
    ]
  }
}


########################## 2025-02-14T06:58:52Z ##########################
{
    "availableSpectrumInquiryResponses": [
        {
```

```
"response": {
    "responseCode": 0,
    "shortDescription": "SUCCESS"
},
"availableFrequencyInfo": [
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 8.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 16.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 19.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
```

```
    },
    "maxPsd": 21.1
},
{
    "frequencyRange": {
        "highFrequency": 6625,
        "lowFrequency": 6605
    },
    "maxPsd": 12.5
},
{
    "frequencyRange": {
        "highFrequency": 6645,
        "lowFrequency": 6625
    },
    "maxPsd": 14.4
},
{
    "frequencyRange": {
        "highFrequency": 6665,
        "lowFrequency": 6645
    },
    "maxPsd": 21.2
},
{
    "frequencyRange": {
        "highFrequency": 6685,
        "lowFrequency": 6665
    },
    "maxPsd": 11.5
},
{
    "frequencyRange": {
        "highFrequency": 6705,
        "lowFrequency": 6685
    },
    "maxPsd": 12.7
```

```json
    },
    {
        "frequencyRange": {
            "highFrequency": 6725,
            "lowFrequency": 6705
        },
        "maxPsd": 13.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6745,
            "lowFrequency": 6725
        },
        "maxPsd": 19.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6765,
            "lowFrequency": 6745
        },
        "maxPsd": 19.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6785,
            "lowFrequency": 6765
        },
        "maxPsd": 8.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6805,
            "lowFrequency": 6785
        },
        "maxPsd": 12.2
    },
    {
```

```
            "frequencyRange": {

                "highFrequency": 6825,

                "lowFrequency": 6805

            },

            "maxPsd": 17.3

        }

    ],

    "requestId": "48490179",

    "availabilityExpireTime": "2025-02-15T06:58:52Z",

    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"

}

],

"version": "1.4"

}
```

########################   2025-02-14T07:01:37Z   ########################

```
{

    "headers": {

        "Host": "testserver.wfatestorg.org",

        "User-Agent": "libcrp/0.1",

        "Accept": "application/json",

        "Content-Type": "application/json",

        "X-Forwarded-For": "192.168.50.94",

        "X-Forwarded-Host": "testserver.wfatestorg.org",

        "X-Forwarded-Server": "testserver.wfatestorg.org",

        "Content-Length": "640",

        "Connection": "Keep-Alive"

    },

    "body": {

        "version": "1.4",

        "availableSpectrumInquiryRequests": [

            {

                "requestId": "48490180",

                "deviceDescriptor": {

                    "serialNumber": "W1700K2441000481",

                    "certificationId": [

                        {
```

```json
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "MXF-W1700K"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.985869,
                "latitude": 37.381933
            },
            "majorAxis": 150,
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": -1
    }
    ]
    }
}
```

\#　2025-02-14T07:01:37Z　\#

```
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 12.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 10.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 12.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
                    },
                    "maxPsd": 9.9
```

```
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 12.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 16.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6105,
            "lowFrequency": 6085
        },
        "maxPsd": 20.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6125,
            "lowFrequency": 6105
        },
        "maxPsd": 15.9
    },
    {
```

        "frequencyRange": {
            "highFrequency": 6145,
            "lowFrequency": 6125
        },
        "maxPsd": 11.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6165,
            "lowFrequency": 6145
        },
        "maxPsd": 20.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6185,
            "lowFrequency": 6165
        },
        "maxPsd": 20.5
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 14.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 19.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,

```
            "lowFrequency": 6225
        },
        "maxPsd": 15.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 12.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 20.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 21.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
        "maxPsd": 14.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6425,
            "lowFrequency": 6405
        },
```

```
                "maxPsd": 9.6
            }
        ],
        "requestId": "48490180",
        "availabilityExpireTime": "2025-02-15T07:01:37Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
  ],
  "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_160MHz_10614_1

######################## 2025-02-14T07:15:22Z ########################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "14388538",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
```

```
                }
            ]
        },
        "location": {
            "ellipse": {
                "center": {
                    "longitude": -121.985869,
                    "latitude": 37.381933
                },
                "majorAxis": 150,
                "minorAxis": 150,
                "orientation": 0
            },
            "elevation": {
                "height": 15,
                "heightType": "AGL",
                "verticalUncertainty": 2
            },
            "indoorDeployment": 0
        },
        "inquiredFrequencyRange": [
            {
                "lowFrequency": 5925,
                "highFrequency": 6425
            },
            {
                "lowFrequency": 6525,
                "highFrequency": 6875
            }
        ],
        "minDesiredPower": -1
        }
    ]
  }
}
```

############################   2025-02-14T07:15:22Z   ############################

```json
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": 8.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
                    "maxPsd": 16.1
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6005,
                        "lowFrequency": 5985
                    },
                    "maxPsd": 12.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6025,
                        "lowFrequency": 6005
                    },
                    "maxPsd": 10.8
                },
                {
```

```
            "frequencyRange": {
                "highFrequency": 6045,
                "lowFrequency": 6025
            },
            "maxPsd": 17.4
        },
        {
            "frequencyRange": {
                "highFrequency": 6065,
                "lowFrequency": 6045
            },
            "maxPsd": 11.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6085,
                "lowFrequency": 6065
            },
            "maxPsd": 22.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6105,
                "lowFrequency": 6085
            },
            "maxPsd": 10.3
        },
        {
            "frequencyRange": {
                "highFrequency": 6285,
                "lowFrequency": 6265
            },
            "maxPsd": 20.0
        },
        {
            "frequencyRange": {
                "highFrequency": 6305,
```

```
            "lowFrequency": 6285
        },
        "maxPsd": 18.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 11.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 21.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 9.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6385,
            "lowFrequency": 6365
        },
        "maxPsd": 21.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6405,
            "lowFrequency": 6385
        },
```

```
                "maxPsd": 8.0
            },
            {
                "frequencyRange": {
                    "highFrequency": 6425,
                    "lowFrequency": 6405
                },
                "maxPsd": 20.6
            }
        ],
        "requestId": "14388538",
        "availabilityExpireTime": "2025-02-15T07:15:22Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
    ],
    "version": "1.4"
}


########################  2025-02-14T07:17:55Z  ########################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "14388539",
                "deviceDescriptor": {
```

```
        "serialNumber": "W1700K2441000481",
        "certificationId": [
            {
                "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                "id": "MXF-W1700K"
            }
        ]
    },
    "location": {
        "ellipse": {
            "center": {
                "longitude": -121.985869,
                "latitude": 37.381933
            },
            "majorAxis": 150,
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredFrequencyRange": [
        {
            "lowFrequency": 5925,
            "highFrequency": 6425
        },
        {
            "lowFrequency": 6525,
            "highFrequency": 6875
        }
    ],
    "minDesiredPower": -1
}
```

```
        ]
    }
}


########################    2025-02-14T07:17:56Z    ########################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 9.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 20.3
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
                        "lowFrequency": 6145
                    },
                    "maxPsd": 11.0
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6185,
```

```
            "lowFrequency": 6165
        },
        "maxPsd": 8.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6205,
            "lowFrequency": 6185
        },
        "maxPsd": 13.6
    },
    {
        "frequencyRange": {
            "highFrequency": 6225,
            "lowFrequency": 6205
        },
        "maxPsd": 14.3
    },
    {
        "frequencyRange": {
            "highFrequency": 6245,
            "lowFrequency": 6225
        },
        "maxPsd": 20.4
    },
    {
        "frequencyRange": {
            "highFrequency": 6265,
            "lowFrequency": 6245
        },
        "maxPsd": 19.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6605,
            "lowFrequency": 6585
        },
```

```
                "maxPsd": 11.0
            },
            {
                "frequencyRange": {
                    "highFrequency": 6625,
                    "lowFrequency": 6605
                },
                "maxPsd": 13.3
            },
            {
                "frequencyRange": {
                    "highFrequency": 6645,
                    "lowFrequency": 6625
                },
                "maxPsd": 20.9
            },
            {
                "frequencyRange": {
                    "highFrequency": 6665,
                    "lowFrequency": 6645
                },
                "maxPsd": 19.8
            },
            {
                "frequencyRange": {
                    "highFrequency": 6685,
                    "lowFrequency": 6665
                },
                "maxPsd": 11.6
            },
            {
                "frequencyRange": {
                    "highFrequency": 6705,
                    "lowFrequency": 6685
                },
                "maxPsd": 17.2
            },
```

```
                {
                    "frequencyRange": {
                        "highFrequency": 6725,
                        "lowFrequency": 6705
                    },
                    "maxPsd": 13.8
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6745,
                        "lowFrequency": 6725
                    },
                    "maxPsd": 15.9
                }
            ],
            "requestId": "14388539",
            "availabilityExpireTime": "2025-02-15T07:17:56Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Frequency_320MHz_10713_1

########################   2025-02-14T07:30:05Z   ########################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "640",
        "Connection": "Keep-Alive"
```

```
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "23630998",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.985869,
                            "latitude": 37.381933
                        },
                        "majorAxis": 150,
                        "minorAxis": 150,
                        "orientation": 0
                    },
                    "elevation": {
                        "height": 15,
                        "heightType": "AGL",
                        "verticalUncertainty": 2
                    },
                    "indoorDeployment": 0
                },
                "inquiredFrequencyRange": [
                    {
                        "lowFrequency": 5925,
                        "highFrequency": 6425
                    },
```

```
                {
                    "lowFrequency": 6525,
                    "highFrequency": 6875
                }
            ],
            "minDesiredPower": -1
        }
    ]
}
}


########################   2025-02-14T07:30:06Z   ########################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 6125,
                        "lowFrequency": 6105
                    },
                    "maxPsd": 17.9
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6145,
                        "lowFrequency": 6125
                    },
                    "maxPsd": 15.6
                },
                {
                    "frequencyRange": {
                        "highFrequency": 6165,
```

```
          "lowFrequency": 6145
      },
      "maxPsd": 10.9
},
{
      "frequencyRange": {
           "highFrequency": 6185,
           "lowFrequency": 6165
      },
      "maxPsd": 16.7
},
{
      "frequencyRange": {
           "highFrequency": 6205,
           "lowFrequency": 6185
      },
      "maxPsd": 8.9
},
{
      "frequencyRange": {
           "highFrequency": 6225,
           "lowFrequency": 6205
      },
      "maxPsd": 13.0
},
{
      "frequencyRange": {
           "highFrequency": 6245,
           "lowFrequency": 6225
      },
      "maxPsd": 9.0
},
{
      "frequencyRange": {
           "highFrequency": 6265,
           "lowFrequency": 6245
      },
```

```
        "maxPsd": 23.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6285,
            "lowFrequency": 6265
        },
        "maxPsd": 13.0
    },
    {
        "frequencyRange": {
            "highFrequency": 6305,
            "lowFrequency": 6285
        },
        "maxPsd": 13.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6325,
            "lowFrequency": 6305
        },
        "maxPsd": 13.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6345,
            "lowFrequency": 6325
        },
        "maxPsd": 15.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6365,
            "lowFrequency": 6345
        },
        "maxPsd": 12.6
    },
```

```
        {
            "frequencyRange": {
                "highFrequency": 6385,
                "lowFrequency": 6365
            },
            "maxPsd": 14.1
        },
        {
            "frequencyRange": {
                "highFrequency": 6405,
                "lowFrequency": 6385
            },
            "maxPsd": 14.8
        },
        {
            "frequencyRange": {
                "highFrequency": 6425,
                "lowFrequency": 6405
            },
            "maxPsd": 17.6
        }
    ],
    "requestId": "23630998",
    "availabilityExpireTime": "2025-02-15T07:30:06Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}
```

########################   2025-02-14T07:32:39Z   ########################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
```

```
        "X-Forwarded-For": "192.168.50.94",

        "X-Forwarded-Host": "testserver.wfatestorg.org",

        "X-Forwarded-Server": "testserver.wfatestorg.org",

        "Content-Length": "640",

        "Connection": "Keep-Alive"

    },

    "body": {

        "version": "1.4",

        "availableSpectrumInquiryRequests": [

            {

                "requestId": "23630999",

                "deviceDescriptor": {

                    "serialNumber": "W1700K2441000481",

                    "certificationId": [

                        {

                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",

                            "id": "MXF-W1700K"

                        }

                    ]

                },

                "location": {

                    "ellipse": {

                        "center": {

                            "longitude": -121.985869,

                            "latitude": 37.381933

                        },

                        "majorAxis": 150,

                        "minorAxis": 150,

                        "orientation": 0

                    },

                    "elevation": {

                        "height": 15,

                        "heightType": "AGL",

                        "verticalUncertainty": 2

                    },

                    "indoorDeployment": 0

                },
```

```
            "inquiredFrequencyRange": [
                {
                    "lowFrequency": 5925,
                    "highFrequency": 6425
                },
                {
                    "lowFrequency": 6525,
                    "highFrequency": 6875
                }
            ],
            "minDesiredPower": -1
        }
    ]
}
}
```

```
########################### 2025-02-14T07:32:39Z ###########################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableFrequencyInfo": [
                {
                    "frequencyRange": {
                        "highFrequency": 5965,
                        "lowFrequency": 5945
                    },
                    "maxPsd": -3.7
                },
                {
                    "frequencyRange": {
                        "highFrequency": 5985,
                        "lowFrequency": 5965
                    },
```

        "maxPsd": 12.2
    },
    {
        "frequencyRange": {
            "highFrequency": 6005,
            "lowFrequency": 5985
        },
        "maxPsd": 11.9
    },
    {
        "frequencyRange": {
            "highFrequency": 6025,
            "lowFrequency": 6005
        },
        "maxPsd": 5.1
    },
    {
        "frequencyRange": {
            "highFrequency": 6045,
            "lowFrequency": 6025
        },
        "maxPsd": 9.7
    },
    {
        "frequencyRange": {
            "highFrequency": 6065,
            "lowFrequency": 6045
        },
        "maxPsd": 4.8
    },
    {
        "frequencyRange": {
            "highFrequency": 6085,
            "lowFrequency": 6065
        },
        "maxPsd": 7.5
    },

```
{
    "frequencyRange": {
        "highFrequency": 6105,
        "lowFrequency": 6085
    },
    "maxPsd": 3.9
},
{
    "frequencyRange": {
        "highFrequency": 6125,
        "lowFrequency": 6105
    },
    "maxPsd": 1.4
},
{
    "frequencyRange": {
        "highFrequency": 6145,
        "lowFrequency": 6125
    },
    "maxPsd": 6.9
},
{
    "frequencyRange": {
        "highFrequency": 6165,
        "lowFrequency": 6145
    },
    "maxPsd": 10.6
},
{
    "frequencyRange": {
        "highFrequency": 6185,
        "lowFrequency": 6165
    },
    "maxPsd": 4.3
},
{
    "frequencyRange": {
```

```
                    "highFrequency": 6205,

                    "lowFrequency": 6185

                },

                "maxPsd": 3.7

            },

            {

                "frequencyRange": {

                    "highFrequency": 6225,

                    "lowFrequency": 6205

                },

                "maxPsd": 0.9

            },

            {

                "frequencyRange": {

                    "highFrequency": 6245,

                    "lowFrequency": 6225

                },

                "maxPsd": 2.3

            },

            {

                "frequencyRange": {

                    "highFrequency": 6265,

                    "lowFrequency": 6245

                },

                "maxPsd": 0.8

            }

        ],

        "requestId": "23630999",

        "availabilityExpireTime": "2025-02-15T07:32:39Z",

        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"

    }

  ],

  "version": "1.4"

}
```

AFC Capability – Inquired Channel

CT_AFC_SP_AP_AFCDRSA31_Channel_20MHz_10618_1

########################   2025-02-14T09:12:52Z   ########################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Expect": "100-continue",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1365",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "43954840",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.985869,
                            "latitude": 37.381933
                        },
                        "majorAxis": 150,
```

```
            "minorAxis": 150,
            "orientation": 0
        },
        "elevation": {
            "height": 15,
            "heightType": "AGL",
            "verticalUncertainty": 2
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
```

93,

97,

101,

105,

109,

113,

117,

121,

125,

129,

133,

137,

141,

145,

149,

153,

157,

161,

165,

169,

173,

177,

181,

185,

189,

193,

197,

201,

205,

209,

213,

217,

221,

225,

229,

233

]

        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
                211,
                219,
                227
            ]
        },
        {
            "globalOperatingClass": 133,

        "channelCfi": [

            7,

            23,

            39,

            55,

            71,

            87,

            103,

            119,

            135,

            151,

            167,

            183,

            199,

            215

        ]

    },

    {

        "globalOperatingClass": 134,

        "channelCfi": [

            15,

            47,

            79,

            111,

            143,

            175,

            207

        ]

    },

    {

        "globalOperatingClass": 136,

        "channelCfi": [

            2

        ]

    },

    {

        "globalOperatingClass": 137,

```
            "channelCfi": [

                31,

                63,

                95,

                127,

                159,

                191

            ]

        }

    ],

        "minDesiredPower": -1

    }

    ]

    }

}


########################    2025-02-14T09:12:52Z    ########################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        1,

                        5,

                        9,

                        13,

                        17,

                        21,

                        25,

                        29,

                        49,

                        53,
```

            57,

            61,

            129,

            133,

            137,

            141

        ],

        "globalOperatingClass": 131,

        "maxEirp": [

            25.0,

            33.5,

            32.6,

            29.1,

            23.5,

            31.1,

            25.3,

            34.8,

            34.4,

            24.6,

            22.0,

            34.0,

            22.7,

            22.8,

            33.1,

            25.3

        ]

    },

    {

        "channelCfi": [

            3,

            11,

            19,

            27,

            51,

            59,

            131,

            139

```
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            28.0,
            32.1,
            26.5,
            28.3,
            27.6,
            25.0,
            25.7,
            28.3
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            55,
            135
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            31.0,
            29.5,
            28.0,
            28.7
        ]
    },
    {
        "channelCfi": [
            15
        ],
        "globalOperatingClass": 134,
        "maxEirp": [
            32.5
        ]
    }
```

            ],
            "requestId": "43954840",
            "availabilityExpireTime": "2025-02-15T09:12:52Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
}

######################### 2025-02-14T09:15:14Z #########################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Expect": "100-continue",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1365",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "43954841",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },

```json
"location": {
    "ellipse": {
        "center": {
            "longitude": -121.985869,
            "latitude": 37.381933
        },
        "majorAxis": 150,
        "minorAxis": 150,
        "orientation": 0
    },
    "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
    },
    "indoorDeployment": 0
},
"inquiredChannels": [
    {
        "globalOperatingClass": 131,
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
```

65,

69,

73,

77,

81,

85,

89,

93,

97,

101,

105,

109,

113,

117,

121,

125,

129,

133,

137,

141,

145,

149,

153,

157,

161,

165,

169,

173,

177,

181,

185,

189,

193,

197,

201,

205,

209,

213,

217,

221,

225,

229,

233

]

},

{

"globalOperatingClass": 132,

"channelCfi": [

3,

11,

19,

27,

35,

43,

51,

59,

67,

75,

83,

91,

99,

107,

115,

123,

131,

139,

147,

155,

163,

171,

179,

187,

195,

203,

```
                211,
                219,
                227
            ]
        },
        {
            "globalOperatingClass": 133,
            "channelCfi": [
                7,
                23,
                39,
                55,
                71,
                87,
                103,
                119,
                135,
                151,
                167,
                183,
                199,
                215
            ]
        },
        {
            "globalOperatingClass": 134,
            "channelCfi": [
                15,
                47,
                79,
                111,
                143,
                175,
                207
            ]
        },
        {
```

```
                "globalOperatingClass": 136,
                "channelCfi": [
                    2
                ]
            },
            {
                "globalOperatingClass": 137,
                "channelCfi": [
                    31,
                    63,
                    95,
                    127,
                    159,
                    191
                ]
            }
        ],
        "minDesiredPower": -1
    }
  ]
}
}

############################   2025-02-14T09:15:15Z   ############################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        33,
                        37,
                        41,
```

            45,

            65,

            69,

            73,

            77,

            81,

            85,

            89,

            93,

            145,

            149,

            153,

            157,

            161,

            165,

            169,

            173

        ],

        "globalOperatingClass": 131,

        "maxEirp": [

            31.7,

            29.8,

            26.2,

            27.5,

            23.1,

            23.2,

            28.5,

            27.3,

            31.7,

            22.9,

            27.9,

            23.2,

            28.4,

            31.8,

            27.0,

            30.3,

            23.3,

                34.2,
                21.3,
                28.0
            ]
        },
        {
            "channelCfi": [
                35,
                43,
                67,
                75,
                83,
                91,
                147,
                155,
                163,
                171
            ],
            "globalOperatingClass": 132,
            "maxEirp": [
                32.8,
                29.2,
                26.1,
                30.3,
                25.9,
                26.2,
                31.4,
                30.0,
                26.3,
                24.3
            ]
        },
        {
            "channelCfi": [
                39,
                71,
                87,

```
                    151,
                    167
                ],
                "globalOperatingClass": 133,
                "maxEirp": [
                    32.2,
                    29.1,
                    28.9,
                    33.0,
                    27.3
                ]
            },
            {
                "channelCfi": [
                    79
                ],
                "globalOperatingClass": 134,
                "maxEirp": [
                    31.9
                ]
            }
        ],
        "requestId": "43954841",
        "availabilityExpireTime": "2025-02-15T09:15:15Z",
        "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
    }
    ],
    "version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Channel_40MHz_10619_1

########################## 2025-02-14T09:19:49Z ##########################

```
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
```

```
        "Accept": "application/json",

        "Content-Type": "application/json",

        "Expect": "100-continue",

        "X-Forwarded-For": "192.168.50.94",

        "X-Forwarded-Host": "testserver.wfatestorg.org",

        "X-Forwarded-Server": "testserver.wfatestorg.org",

        "Content-Length": "1365",

        "Connection": "Keep-Alive"

    },

    "body": {

        "version": "1.4",

        "availableSpectrumInquiryRequests": [

            {

                "requestId": "62951879",

                "deviceDescriptor": {

                    "serialNumber": "W1700K2441000481",

                    "certificationId": [

                        {

                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",

                            "id": "MXF-W1700K"

                        }

                    ]

                },

                "location": {

                    "ellipse": {

                        "center": {

                            "longitude": -121.985869,

                            "latitude": 37.381933

                        },

                        "majorAxis": 150,

                        "minorAxis": 150,

                        "orientation": 0

                    },

                    "elevation": {

                        "height": 15,

                        "heightType": "AGL",

                        "verticalUncertainty": 2
```

```
        },
        "indoorDeployment": 0
    },
    "inquiredChannels": [
        {
            "globalOperatingClass": 131,
            "channelCfi": [
                1,
                5,
                9,
                13,
                17,
                21,
                25,
                29,
                33,
                37,
                41,
                45,
                49,
                53,
                57,
                61,
                65,
                69,
                73,
                77,
                81,
                85,
                89,
                93,
                97,
                101,
                105,
                109,
                113,
                117,
```

                121,

                125,

                129,

                133,

                137,

                141,

                145,

                149,

                153,

                157,

                161,

                165,

                169,

                173,

                177,

                181,

                185,

                189,

                193,

                197,

                201,

                205,

                209,

                213,

                217,

                221,

                225,

                229,

                233

            ]

        },

        {

            "globalOperatingClass": 132,

            "channelCfi": [

                3,

                11,

                19,

27,

35,

43,

51,

59,

67,

75,

83,

91,

99,

107,

115,

123,

131,

139,

147,

155,

163,

171,

179,

187,

195,

203,

211,

219,

227
        ]
    },
    {
        "globalOperatingClass": 133,
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,

              103,

              119,

              135,

              151,

              167,

              183,

              199,

              215

          ]

      },

      {

          "globalOperatingClass": 134,

          "channelCfi": [

              15,

              47,

              79,

              111,

              143,

              175,

              207

          ]

      },

      {

          "globalOperatingClass": 136,

          "channelCfi": [

              2

          ]

      },

      {

          "globalOperatingClass": 137,

          "channelCfi": [

              31,

              63,

              95,

              127,

              159,

              191

```
                    ]
                }
            ],
            "minDesiredPower": -1
        }
    ]
}
}
```

########################   2025-02-14T09:19:49Z   ########################

```
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        65,
                        69,
                        73,
                        77,
                        81,
                        85,
                        89,
                        93,
                        129,
                        133,
                        137,
                        141,
                        161,
                        165,
                        169,
                        173
                    ],
```

        "globalOperatingClass": 131,

        "maxEirp": [

            24.1,

            23.1,

            29.5,

            30.8,

            32.1,

            29.7,

            32.1,

            30.0,

            22.4,

            21.5,

            27.5,

            25.3,

            23.6,

            32.9,

            23.5,

            24.4

        ]

    },

    {

        "channelCfi": [

            67,

            75,

            83,

            91,

            131,

            139,

            163,

            171

        ],

        "globalOperatingClass": 132,

        "maxEirp": [

            26.1,

            32.5,

            32.7,

            33.0,

```
                        24.5,
                        28.3,
                        26.6,
                        26.5
                    ]
                },
                {
                    "channelCfi": [
                        71,
                        87,
                        135,
                        167
                    ],
                    "globalOperatingClass": 133,
                    "maxEirp": [
                        29.1,
                        35.7,
                        27.5,
                        29.5
                    ]
                },
                {
                    "channelCfi": [
                        79
                    ],
                    "globalOperatingClass": 134,
                    "maxEirp": [
                        32.1
                    ]
                }
            ],
            "requestId": "62951879",
            "availabilityExpireTime": "2025-02-15T09:19:49Z",
            "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
        }
    ],
    "version": "1.4"
```

```
}


########################   2025-02-14T09:21:50Z   #########################
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Expect": "100-continue",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1365",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "62951880",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.985869,
                            "latitude": 37.381933
                        },
                        "majorAxis": 150,
```

```
        "minorAxis": 150,

        "orientation": 0

    },

    "elevation": {

        "height": 15,

        "heightType": "AGL",

        "verticalUncertainty": 2

    },

    "indoorDeployment": 0

},

"inquiredChannels": [

    {

        "globalOperatingClass": 131,

        "channelCfi": [

            1,

            5,

            9,

            13,

            17,

            21,

            25,

            29,

            33,

            37,

            41,

            45,

            49,

            53,

            57,

            61,

            65,

            69,

            73,

            77,

            81,

            85,

            89,
```

93,

97,

101,

105,

109,

113,

117,

121,

125,

129,

133,

137,

141,

145,

149,

153,

157,

161,

165,

169,

173,

177,

181,

185,

189,

193,

197,

201,

205,

209,

213,

217,

221,

225,

229,

233

]

```
        },
        {
            "globalOperatingClass": 132,
            "channelCfi": [
                3,
                11,
                19,
                27,
                35,
                43,
                51,
                59,
                67,
                75,
                83,
                91,
                99,
                107,
                115,
                123,
                131,
                139,
                147,
                155,
                163,
                171,
                179,
                187,
                195,
                203,
                211,
                219,
                227
            ]
        },
        {
            "globalOperatingClass": 133,
```

```
        "channelCfi": [
            7,
            23,
            39,
            55,
            71,
            87,
            103,
            119,
            135,
            151,
            167,
            183,
            199,
            215
        ]
    },
    {
        "globalOperatingClass": 134,
        "channelCfi": [
            15,
            47,
            79,
            111,
            143,
            175,
            207
        ]
    },
    {
        "globalOperatingClass": 136,
        "channelCfi": [
            2
        ]
    },
    {
        "globalOperatingClass": 137,
```

```
            "channelCfi": [
                31,
                63,
                95,
                127,
                159,
                191
            ]
        }
    ],
    "minDesiredPower": -1
    }
  ]
 }
}


########################    2025-02-14T09:21:50Z    ########################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        1,
                        5,
                        9,
                        13,
                        17,
                        21,
                        25,
                        29,
                        33,
                        37,
```

            41,
            45,
            49,
            53,
            57,
            61,
            145,
            149,
            153,
            157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
            28.1,
            21.5,
            32.0,
            31.1,
            28.2,
            24.6,
            22.6,
            33.8,
            29.1,
            23.3,
            27.9,
            27.0,
            25.5,
            24.5,
            24.8,
            23.4,
            32.6,
            30.9,
            24.9,
            33.8
        ]
    },
    {
        "channelCfi": [

```
            3,
            11,
            19,
            27,
            35,
            43,
            51,
            59,
            147,
            155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [
            24.5,
            34.1,
            27.6,
            25.6,
            26.3,
            30.0,
            27.5,
            26.4,
            33.9,
            27.9
        ]
    },
    {
        "channelCfi": [
            7,
            23,
            39,
            55,
            151
        ],
        "globalOperatingClass": 133,
        "maxEirp": [
            27.5,
            28.6,
```

```
                29.3,
                29.4,
                30.9
            ]
        },
        {
            "channelCfi": [
                15,
                47
            ],
            "globalOperatingClass": 134,
            "maxEirp": [
                30.5,
                32.3
            ]
        },
        {
            "channelCfi": [
                31
            ],
            "globalOperatingClass": 137,
            "maxEirp": [
                33.6
            ]
        }
    ],
    "requestId": "62951880",
    "availabilityExpireTime": "2025-02-15T09:21:50Z",
    "rulesetId": "US_47_CFR_PART_15_SUBPART_E"
}
],
"version": "1.4"
}
```

CT_AFC_SP_AP_AFCDRSA31_Channel_80MHz_10620_1

########################## 2025-02-14T09:26:37Z ##########################

```json
{
    "headers": {
        "Host": "testserver.wfatestorg.org",
        "User-Agent": "libcrp/0.1",
        "Accept": "application/json",
        "Content-Type": "application/json",
        "Expect": "100-continue",
        "X-Forwarded-For": "192.168.50.94",
        "X-Forwarded-Host": "testserver.wfatestorg.org",
        "X-Forwarded-Server": "testserver.wfatestorg.org",
        "Content-Length": "1365",
        "Connection": "Keep-Alive"
    },
    "body": {
        "version": "1.4",
        "availableSpectrumInquiryRequests": [
            {
                "requestId": "36392847",
                "deviceDescriptor": {
                    "serialNumber": "W1700K2441000481",
                    "certificationId": [
                        {
                            "rulesetId": "US_47_CFR_PART_15_SUBPART_E",
                            "id": "MXF-W1700K"
                        }
                    ]
                },
                "location": {
                    "ellipse": {
                        "center": {
                            "longitude": -121.985869,
                            "latitude": 37.381933
                        },
                        "majorAxis": 150,
                        "minorAxis": 150,
                        "orientation": 0
                    },
```

```
    "elevation": {
        "height": 15,
        "heightType": "AGL",
        "verticalUncertainty": 2
    },
    "indoorDeployment": 0
},
"inquiredChannels": [
    {
        "globalOperatingClass": 131,
        "channelCfi": [
            1,
            5,
            9,
            13,
            17,
            21,
            25,
            29,
            33,
            37,
            41,
            45,
            49,
            53,
            57,
            61,
            65,
            69,
            73,
            77,
            81,
            85,
            89,
            93,
            97,
            101,
```

105,

109,

113,

117,

121,

125,

129,

133,

137,

141,

145,

149,

153,

157,

161,

165,

169,

173,

177,

181,

185,

189,

193,

197,

201,

205,

209,

213,

217,

221,

225,

229,

233

]

},

{

"globalOperatingClass": 132,

```
"channelCfi": [
    3,
    11,
    19,
    27,
    35,
    43,
    51,
    59,
    67,
    75,
    83,
    91,
    99,
    107,
    115,
    123,
    131,
    139,
    147,
    155,
    163,
    171,
    179,
    187,
    195,
    203,
    211,
    219,
    227
    ]
},
{
    "globalOperatingClass": 133,
    "channelCfi": [
        7,
        23,
```

                39,

                55,

                71,

                87,

                103,

                119,

                135,

                151,

                167,

                183,

                199,

                215

            ]

        },

        {

            "globalOperatingClass": 134,

            "channelCfi": [

                15,

                47,

                79,

                111,

                143,

                175,

                207

            ]

        },

        {

            "globalOperatingClass": 136,

            "channelCfi": [

                2

            ]

        },

        {

            "globalOperatingClass": 137,

            "channelCfi": [

                31,

                63,

```
                95,
                127,
                159,
                191
              ]
          }
        ],
        "minDesiredPower": -1
      }
    ]
  }
}


########################  2025-02-14T09:26:37Z  ########################
{
    "availableSpectrumInquiryResponses": [
        {
            "response": {
                "responseCode": 0,
                "shortDescription": "SUCCESS"
            },
            "availableChannelInfo": [
                {
                    "channelCfi": [
                        49,
                        53,
                        57,
                        61,
                        81,
                        85,
                        89,
                        93,
                        129,
                        133,
                        137,
                        141,
                        145,
```

          149,
          153,
          157
        ],
        "globalOperatingClass": 131,
        "maxEirp": [
          24.9,
          31.7,
          32.4,
          29.8,
          31.9,
          30.2,
          33.1,
          31.8,
          27.8,
          21.8,
          32.8,
          34.9,
          27.0,
          30.0,
          31.0,
          23.3
        ]
      },
      {
        "channelCfi": [
          51,
          59,
          83,
          91,
          131,
          139,
          147,
          155
        ],
        "globalOperatingClass": 132,
        "maxEirp": [

                27.9,

                32.8,

                33.2,

                34.8,

                24.8,

                35.8,

                30.0,

                26.3

            ]

        },

        {

            "channelCfi": [

                55,

                87,

                135,

                151

            ],

            "globalOperatingClass": 133,

            "maxEirp": [

                30.9,

                36.0,

                27.8,

                29.3

            ]

        },

        {

            "channelCfi": [

                143

            ],

            "globalOperatingClass": 134,

            "maxEirp": [

                30.8

            ]

        }

    ],

    "requestId": "36392847",

    "availabilityExpireTime": "2025-02-15T09:26:37Z",